

CLEAN VERSION WITH CHANGES INCORPORATED

IN THE CLAIMS

Claim 20 has been amended as follows:

20. (Twice amended) A receiver for identifying a transmitted message based upon a received signal, the receiver comprising:
- a processor for generating a constellation design having a minimum threshold and a maximum threshold for each of a plurality of possible signal levels, the minimum and maximum thresholds for each possible signal level representing a range, wherein the sizes of the ranges are different for at least two of the possible signal levels, and
 - a comparator that identifies the transmitted message by comparing the received signal with the generated constellation design and that generates an output signal representative of the transmitted message.